

# FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

19 JANUARY 1978

## POLICY ON CONTRACTS AND COMMITMENTS

*The following information has been received from David Norwood, Assistant to the Vice-President Finance and Administration.*

### Preamble

In the past, there has been little or no coordination of administrative matters related to certain types of contracts and commitments involving the University and outside parties, which has resulted in a number of internal problems:

1. Insurance coverage in relation to liability or other risk exposure is often overlooked.
2. Funds in respect to such contracts and commitments are not sent to the appropriate University officer, creating difficulties in determining the related contracts or commitments with which they are associated.
3. Legal considerations and overhead allowances are often overlooked.
4. Space considerations are sometimes overlooked.
5. Contracts and commitments are not always executed by the appropriate University authorities.
6. There is no central registry of contracts and commitments between the University and outside parties, which creates difficulties in establishing the nature, status, and extent of these relationships.

### Objective

1. The objective of the policy is to coordinate the administrative requirements of contracts and commitments between The University of Alberta and individuals, groups, agencies, or institutions outside the University. These contracts and commitments normally involve funding, liability, or other obligations on the part of the University toward outside parties including companies, private organizations, governments and their agencies, and so on.
2. Only the following contracts and commitments are *excluded* from this policy: (a) those now administered by the Research Grants and Contracts Office; (b) those now administered by the Fund Development Office; (c) those now administered by the Office of Student Awards; (d) those involving the acquisition, rather than the provision, of goods and services outside the University; and (e) those standard form contracts used by service, support, or ancillary departments which have been approved by the responsible Vice-President.



*Pictured above is a scene familiar to most people living in Western Canada. What many people are not aware of, however, is the fact that many of the varieties of cereal grains grown on the farms of Western Canada were originally bred at the University. The following figures represent the estimated 1977 farm gate gross value of the University's varieties of cereals. In these times of accountability of the value of universities, such figures are significant.*

Variety	1977 prairie acreage	Est. yield bushels/acre	1977 cash price \$/bushel	Est. total gross value (\$) 1977 crop year
Grizzly oats	400,000	51.2	1.04	21,299,200
Gateway 63 barley	413,000	38.6	2.04	32,521,272
Windsor barley	6,500	40.6	1.66	438,074
Kodiak rye	48,700	23.6	2.96	3,401,987
				<u>\$57,660,533</u>

3. General examples of contracts and commitments to be coordinated under this policy include (a) conditional and special operating, capital, or other grants from governments and their agencies from private organizations, and from other sources and (b) affiliation agreements involving other educational institutions and organizations, hospitals, and other groups and organizations.
4. Specific examples of contracts and commitments include those involving the Provincial Laboratories; the conditional grants for the Mineral Engineering Program;

Innovative Projects; temporary employment programs; negotiated development grants and other grants from such agencies as the Canada Council, CIDA, CUSO, LIP, TRIUMF; hospital affiliation agreement; and the supply of utilities to the greater campus area.

### Administrative requirements

1. Faculties and Departments are requested to negotiate contracts and commitments of the nature described above in consultation with the Office of the Vice-President (Finance and Administration). This Office will coordinate

consideration of (a) academic implications; (b) staffing, space, indemnity, and liability arrangements; (c) funding in relation to the estimated capital costs and the direct and indirect operating costs; (d) budgetary implications upon expiry of the contracts or commitment; (e) legal implications including any limitations or requirements under the Universities Act; and (f) any required committee or other approval within the University.

2. Contractual documents should indicate that: (a) any notices to the University are to be sent to the Vice-President (Finance and Administration) and (b) any payments to the University are to be sent to the Comptroller.

3. Execution of the final contractual or other documents by the appropriate University signatories will be arranged by the Office of the Vice-President (Finance and Administration). That Office will distribute copies of the executed documents to the involved faculty or department, the appropriate Vice-President(s), the Comptroller's Office and elsewhere as required. One copy of the executed documents will be retained in the Office of the Vice-President (Finance and Administration) which will maintain the central registry of the described contracts and commitments.

4. Under this arrangement, negotiations with outside parties will continue to be the responsibility of the involved faculties and departments. Consultation with the Office of the Vice-President (Finance and Administration) does *not* preclude direct discussion of the proposed contracts or commitments with the President or other Vice-Presidents.

Enquiries about the policy and the

administrative requirements should be directed to D.C. Norwood, Assistant to the Vice-President (Finance and Administration), 3-22 University Hall, telephone 432-4730.

## PEOPLE

- Murray S. Klamkin, Professor and Chairman of the Department of Mathematics has received a Certificate of Merit in recognition of outstanding contributions to collegiate mathematics from the Mathematical Association of America.
- The National Association for Children with Learning Disabilities has announced that Charles Norman, Department of Educational Psychology, is the recipient of the 1978 Linda Sue Gray Memorial Award for the outstanding research paper presented to that organization. The paper will be presented at the Annual International Conference in Kansas that takes place in Kansas from 1 to 4 March.

## NOTICES

*Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary.*

### University Kindergarten

There are a few openings at the University Kindergarten. The morning session runs from 9:30 a.m. to 11:30 a.m., and the afternoon session runs from 1:30 p.m. to 3:30 p.m. The Kindergarten offers a program for four- and five-year-old children, and is located on campus. For further information please contact Carol Deutscher, telephone 432-5434 or 437-2882.

### French Courses

The School of the Alliance Française, a non-profit organization, is conducting French courses for adults and children. The courses will be starting in January. For further information please telephone 433-7946 or 466-7960.

### Dental Hygiene Clinic

The School of Dental Hygiene is accepting adults and children for oral prophylaxis (teeth cleaning). There will be a nominal fee. For appointments please telephone 432-4151.

### Freshman Orientation Seminars Office

The Freshman Orientation Seminars office has been moved to 278 Students' Union Building. All queries and communications should be directed to the new location. The telephone number, 432-5319, remains the same.

### Workshop In Indexing

Due to the success of the workshop held in November, the Faculty of Library Science has

scheduled another session for January. PRECIS (Preserved Context Index System) is a system for alphabetical index construction. It is not a list of subject headings; rather it is a set of working procedures based upon the principle of open-ended vocabulary, allowing items to be admitted to the index at any time. Natural-language terms are used as they are encountered in the literature.

Developed by Derek Austin for use in the British National Bibliography, PRECIS is also being used now by the Australian National Bibliography, British Education Index, British Catalogue of Music, the National Film Board of Canada, and many other institutions in Europe and Canada.

A workshop on the PRECIS system will be given by A. Nitecki. Professor Nitecki has recently attended the PRECIS indexers course conducted by D. Austin. The objectives of the workshop are to provide a historical background to PRECIS, explain the principles of the system, and compare it with standard lists of subject headings.

The workshop is limited to thirty participants, and any librarian or information officer is eligible to participate. The workshop will be held on Friday, 27 January, from 9 a.m. to 4 p.m. at the Faculty of Library Science. The cost of the workshop is \$15. Registration forms and further information are available from the Faculty of Library Science, telephone 432-4578.

### Science Dining Club

The Science Dining Club will meet at 6 p.m. on Thursday, 26 January. Professor J.K. Lauber of the Department of Zoology will speak on "The unnatural history of owls." Dinner will follow in the Saskatchewan Room of the Faculty Club. Reservations should be made by 24 January by contacting Mrs. Grant, Faculty of Science, telephone 432-4757.

### Recall Notices on Library Material

Under certain circumstances urgent recall notices may be mailed to borrowers before the library material is due to be returned. It is important for the person requiring this material that it be returned on or before the new due date. Effective 3 January 1978, borrowing privileges will be suspended immediately when recalled material is overdue. This sanction will be applied to staff and students who enjoy borrowing privileges.

### CUSO Recruitment Tour

Ms. Catherine Howe, CUSO program Officer with the Health Team, will be on a recruitment tour of Alberta during January. She will be in Edmonton 23 and 24 January to conduct a public information session in the Assembly Room of the Jubilee Auditorium. The session will take place on Monday, 23 January at 8 p.m.

During her visit, Ms. Howe will be speaking

# FOLIO

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Jeanette Rothrock, Editor

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with professionals in the field of health to make them aware of opportunities to work overseas. To make an appointment to speak with Ms. Howe, contact Carrol Burkhard, 240 Athabasca Hall, telephone 432-3381.

#### Campus Law Review Committee Meeting

The Campus Law Review Committee will meet on Friday, 27 January, at 9 a.m. in 3-15 University Hall. The agenda will include a discussion of consideration of new additions to the Code of Student Behavior. Anyone wishing to make written or personal submissions should contact Mrs. L. Plaskitt, 2-1 University Hall, telephone 432-4715, by 24 January.

#### Interviewers Required

Interviewers are needed for the Edmonton Area Study, operated by the Department of Sociology during January and February 1978. Persons with a car and some experience are preferred.

For further information, contact Cliff Kinzel, Population Research Laboratory, 1-62 H.M. Tory Building, telephone 432-4659.

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## THIS WEEK AND NEXT

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*Listings must reach the Editor by 9 a.m. Thursday one week prior to publication. Written notification is preferred.*

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### 19 JANUARY, THURSDAY

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#### Cinematheque 16

7:30 p.m. *The Invisible Man* (United States, 1933). Directed by James Whale and starring Claude Rains and Gloria Stuart. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### German Film

7:30 p.m. *Dr. Mabuse: Inferno of Crime* (Germany, 1921). 17 Arts Building. Admission is free.

#### Canadian Brass

8 p.m. The Canadian Brass in concert. Students' Union Theatre. Admission is \$5. Tickets available at the HUB Box Office, Mike's Ticket Office, Woodward's, and at the door.

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### 20 JANUARY, FRIDAY

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#### NASA House

4:30 p.m. "Happy Hours" at the NASA House. Cash bar, light snacks, and dancing. For members of the non-academic staff and their guests.

#### Faculty Club

Downstairs. Italian buffet: veal galliano, green noodles, tomato and zucchini casserole, Italian bread, garlic bread, casata. \$5.50 per person.

Upstairs. Daily special: Consommé royale, mimosa salad, veal madeleine, spätzle, zucchini, baked baba au rhum. \$7.95 per person. Also lobster soufflé, \$15.

#### Cinematheque 16

7:30 p.m. *The Projectionist* (United States, 1970). Directed by Harry Hurwitz and starring Chuck McCann and Ina Balin. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### Student Cinema

8 p.m. *A Bridge Too Far* (United States, 1977). Directed by Richard Attenborough and starring Robert Redford and Liv Ullman. Students' Union Theatre. Admission is \$2 advance and \$2.50 at the door. Tickets available at the HUB Box Office.

#### Edmonton Symphony Orchestra

8:30 p.m. The Edmonton Symphony Orchestra performs with Jaime Laredo, violinist. Jubilee Auditorium. For ticket information contact the Symphony Box Office, telephone 433-2020.

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### 21 JANUARY, SATURDAY

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#### Faculty Club

Downstairs. Buffet: cheese fondue, salad bar, dessert. \$5.50 per person.

Upstairs. Robbie Burns night: haggis, scotch broth, prime rib of beef, skirlie, neeps, tatties, scones, tipsy laird. \$9.50 per person. Reservations limited. Entertainment: Mitchell Trio.

#### Student Cinema

8 p.m. *A Bridge Too Far* (United States, 1977). Directed by Richard Attenborough and starring Robert Redford and Liv Ullman. Students' Union Theatre. Admission is \$2 advance and \$2.50 at the door. Tickets available at the HUB Box Office.

#### Edmonton Symphony Orchestra

8:30 p.m. The Edmonton Symphony Orchestra performs with Jaime Laredo, violinist. Jubilee Auditorium. For ticket information contact the Symphony Box Office, telephone 433-2020.

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### 22 JANUARY, SUNDAY

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#### Jazz Concert Series

2:30 p.m. Musicmakers Swing Band. Centennial Library Theatre. Admission is free.

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### 23 JANUARY, MONDAY

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#### Chaplaincy Film Series

7:30 p.m. *The Gospel According to St. Matthew* (Italy, 1965). Directed by Pasolini. TL-12 Tory Building. Series tickets are \$5. Tickets available at the HUB Box Office.

#### Edmonton Film Society

8 p.m. *Fingers in the Head* (France, 1974). Students' Union Theatre. Series tickets

available at the HUB Box Office, Woodward's, and at the door.

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### 24 JANUARY, TUESDAY

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#### Student Cinema

7 p.m. *Small Change* (France, 1977) and *The Story of Adele H.* (France, 1975). Directed by François Truffaut. Students' Union Theatre. Admission is \$2 advance and \$2.50 at the door. Tickets available at the HUB Box Office.

#### National Film Theatre

8 p.m. *Berliner Bettwurst* (Germany 1973). Directed by Rosa von Praunheim, Centennial Library Theatre. Admission is \$1.50 regular and \$1 for students and senior citizens.

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### 25 JANUARY, WEDNESDAY

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#### Student Cinema

7 p.m. and 9:30 p.m. *Rancho De Luxe* (United States, 1975). Directed by Frank Perry and starring Jeff Bridges and Sam Waterston. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

#### Edmonton Film Society

8 p.m. *The Bandwagon* (United States, 1953). TL-11 Tory Building. Series tickets available at the HUB Box Office, Woodward's, and at the door.

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### 26 JANUARY, THURSDAY

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#### Student Cinema

7 p.m. and 9:30 p.m. *The Exorcist, Part 2* (United States, 1977) Directed by John Boorman and starring Linda Blair and Richard Burton. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door.

#### Cinematheque 16

7:30 p.m. *To Have and Have Not* (United States, 1944). Directed by Howard Hawks and starring Humphrey Bogart and Lauren Bacall. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

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### 27 JANUARY, FRIDAY

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#### NASA House

4:30 p.m. "Happy Hours" at the NASA House. Cash bar, light snacks, and dancing. For members of the non-academic staff and their guests.

#### Cinematheque 16

7:30 p.m. *To Have and Have Not* (United States, 1944). Directed by Howard Hawks and starring Humphrey Bogart and Lauren Bacall. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### Hockey

8 p.m. Bears versus Huskies. Varsity Arena.

# February 1978

## January

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## March

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## sunday

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26

## monday

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13 ■ Mid-term Test Week. Off-campus University organized extra-curricular activities will not normally be allowed during this week.

20 ■ Last day for dropping Second Term courses or full-session courses, or changing from "credit" to "audit" or "audit" to "credit" in Second Term or full-session courses in the Faculty of Graduate Studies and Research.

27 ■ 2 p.m. Meeting of the General Faculties Council  
■ Second Term Reading Week begins except in first and second year Medicine.  
■ Last day for changing from "credit" to "audit" or "audit" to "credit" in Second Term or full-session courses by students in the Faculty of Engineering

## tuesday

7

■ 9:30 a.m. Meeting of the Campus Development Committee

14 ■ 4:45 p.m. Meeting of the departmental representatives of the Non-Academic Staff Association  
■ 7:30 p.m. Meeting of the Council of the Graduate Students' Association

21 ■ 9:30 a.m. Meeting of the Campus Development Committee

28 ■ Last day for receiving applications for admission to the LL.B. program  
■ Last day for withdrawing from Second Term courses by students in the Faculty of Law

## wednesday

1

■ Last day for degrees in Administration, Education, Research, Pharmacology, Science, and Convocation  
■ Last day for admission

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■ 12 noon Election for this year

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■ 2:30 p.m. Council

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## thursday

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■ 9 a.m. Meeting of the Academic Development Committee

**9**

■ 9 a.m. Meeting of the Academic Development Committee  
■ 2 p.m. Meeting of the University Planning Committee

**16**

■ 9 a.m. Meeting of the Academic Development Committee

**23**

■ 9 a.m. Meeting of the Academic Development Committee  
■ 2 p.m. Meeting of the University Planning Committee

## friday

**3**

■ 9 a.m. Meeting of the Board of Governors

**10**

**17**

■ 2 p.m. Meeting of the Council on Graduate Studies and Research  
■ Last day for withdrawing from full-session courses by students in the Faculties of Agriculture and Forestry, Arts, Collège Universitaire Saint-Jean, Education, Home Economics, Law, Library Science, Medicine, Nursing, Pharmacy and Pharmaceutical Sciences, Physical Education and Recreation, Rehabilitation Medicine, and Science.

**24**

■ 9:30 a.m. Meeting of the Senate

## saturday

**4**

**11**

**18**

**25**

Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

#### **Toronto Dance Theatre**

8:30 p.m. Toronto Dance Theatre. Students' Union Theatre. Admission is \$5. Tickets available at the HUB Box Office, Mike's Ticket Office, Woodward's, and at the door.

#### **Faculty Club**

*Downstairs.* Friday special: prime rib of beef, baked ham, potatoes, vegetable, salad bar. \$5.50.

*Upstairs.* Daily special: lobster bisque, romaine salad, entrecôte caroline, baked stuffed potato, green peas with mushrooms, peach melba. \$7.95. Also regular dinner menu. Reservations required. Entertainment: The Committee.

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### **28 JANUARY, SATURDAY**

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#### **Hockey**

8 p.m. Bears versus Huskies. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

#### **Toronto Dance Theatre**

8:30 p.m. Toronto Dance Theatre. Students' Union Theatre. Admission is \$5. Tickets available at the HUB Box Office, Mike's Ticket Office, Woodward's, and at the door.

#### **Faculty Club**

*Downstairs.* Buffet: coq au vin, noodles, vegetables, salad bar. \$5.50.

*Upstairs.* Regular dinner menu. Reservations required.

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### **EXHIBITIONS AND PLAYS**

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#### **University Art Gallery and Museum**

*Continuing.* An exhibition of the work of John Snow, Maxwell Bates, and Peter Daglish.

#### **Native Friendship Centre**

*From 25 January.* "The People," an exhibition of photographs by Harry Savage. Native Friendship Centre, 10176 117 Street.

#### **Students' Union Art Gallery**

*To 20 January.* An exhibition of watercolors by Diane Whitehouse, Robert Sinclair, and Harry Savage.

#### **Edmonton Art Gallery**

*Continuing.* "The Bowman Years," an exhibition of the work acquired by the Gallery under the directorship of Maude Bowman. *Continuing.* An exhibition of the works of Edmonton artist Terrence Keller. *Continuing.* "Christmas Show," an exhibition of works on a Christmas theme from the permanent collection.

#### **Centennial Library**

*Continuing.* An exhibition of watercolors by Ver Riazonova-Sell, Foyer Gallery.

*Continuing.* An exhibition of black and white photographs by local artist Dale Giauque. Photography Gallery.

#### **Provincial Museum**

*Continuing.* "Nature and the Artist—Ralph Carson," a cross-section of work by museum habitat artist Ralph Carson.

*Continuing.* "Magic," an exhibit examining magic through the ages.

*Continuing.* An exhibition of documents illustrating the first eleven seasons of the Citadel Theatre including programs, publicity material, correspondence, working scripts, and financial reports.

#### **Rice Gallery**

*To 28 January.* An exhibition of the paintings of Harry Wohlfarth. Citadel Theatre.

#### **Northern Light Theatre**

*From 19 January.* Richard Juggett's *The First Night of Pygmalion*. Directed by Scott Swan. For ticket information and show times contact the Northern Light Box Office, telephone 429-3110.

#### **Churchill Square Players**

*28 and 29 January.* *Return of the Frog Prince*. Centennial Library Music Room. Admission is free. For show times contact the Children Services Division, telephone 423-2331.

#### **Theatre 3**

*To 28 January.* Friedrich Durrenmatt's *Play Strindberg*. For ticket information and show times contact the Theatre 3 Box Office, telephone 426-6870.

#### **Citadel Theatre**

*To 20 January.* Harold Pinter's *The Lover*. Directed by Bartley Bard. Lunchtime theatre, Zeidler Hall.

*To 22 January.* George Bernard Shaw's *Pygmalion*. Featuring Kenneth Haigh and John Neville. Shoctor Theatre.

*To 28 January.* *Passengers* by Paddy Campbell and William Skolnik. Rice Theatre. For ticket information and show times contact the Citadel Box Office, telephone 425-1820.

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### **LECTURES AND SEMINARS**

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#### **19 January, Thursday**

##### **Ukrainian Studies Seminar**

12:30 p.m. "Ucrainica Mediaevalis" in the University of Alberta Library, or "You mean we have *that* in our collection?" with speaker Peter Rolland. 311 Athabasca Hall.

#### **Faculty Forum**

3 p.m. "Whatever became of the ecumenical movement?" with speakers J.F. Henderson, S. Larson, and F. Stewart. Main floor lounge, St. Joseph's College.

#### **Entomology Seminar**

4:30 p.m. "Present status of a comparative

study of a digestive physiology of *rhodnius prolixus* and *glossina morsitans morsitans*," with speaker J. Houseman, and "The systematic position of the named N. A. forms of *boloria titania* (Esper, 1973) and *b. chariclea* (Schneider, 1794): (Lepidoptera: Nymphalidae), or "We should have listened to our grandfathers," with speaker T. Pike, 62 Athabasca Hall Annex.

#### **Mediaeval and Renaissance Studies**

8:15 p.m. "The little ice age," with speaker John L. Honsaker. 3-19 Humanities Centre.

#### **22 January, Sunday**

##### **Public Lecture**

7:30 p.m. "Liturgical prayer," with speaker Joseph N. MacNeil, D.D., J.C.D., Archbishop of Edmonton. 102 St. Joseph's College.

#### **23 January, Monday**

##### **Music Lecture**

4:15 p.m. "The realization of the piano music," with speaker Helmut Brauss. 1-29 Fine Arts Building.

#### **24 January, Tuesday**

##### **East European Studies Seminar**

3:30 p.m. "German and Slav in the Eastern Alps," with speakers T. Priestly and D. Stermole. 311 Athabasca Hall.

#### **Physics Colloquium**

3:30 p.m. "Weak neutral currents in atoms and nuclei," with speaker Ernest Henley, Department of Physics, University of Washington. V-120 Physics Building.

#### **25 January, Wednesday**

##### **Population Studies Seminar**

3:30 p.m. "General plan review—a long range plan for Edmonton," with speaker Jack Sklosky, Projects Manager for General Plan Review, Edmonton. 5-15 Tory Building.

#### **Botany Seminar**

4:30 p.m. "Megagametophyte development in *zea mays*," with speaker Scott Russell. M-149 Biological Sciences Building.

#### **27 January, Friday**

##### **Classics Seminar**

4 p.m. "Leptis Magna, imperial Roman city," with speaker I.A. Campbell, 1-8 Humanities Centre.

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### **NON-CREDIT COURSES**

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#### **Winter Camping and Mountaineering Course**

A course on winter camping and mountaineering will be given in a series of four lectures, on 19, 24, 26, and 31 January at 7:30 p.m. in P-126 Physics Building.

The lectures will deal with such topics as the physiology of cold, the selection of suitable clothing, shelter, stoves, and packs, cooking in winter, bivouacs, and choice of

transportation (snowshoes and skis). Hazards such as avalanches and frostbite and how to avoid them will be stressed.

The lecture series will be followed by a weekend practical session, camping out at some location in the mountains.

The course is sponsored by the Alpine Club of Canada Edmonton Section. There is no charge, and everyone is welcome.

*The courses listed below are offered under the auspices of the Faculty of Extension. Registrations may be made and information concerning the instructors and contents of the courses may be acquired at 228 Corbett Hall or by telephoning the number at the end of each listing.*

#### English as a Second Language

Evening classes in English as a second language at the intermediate and advanced levels will be offered through the Faculty of Extension beginning the week of 23 January. Regular courses will meet twice a week over a period of ten weeks. The sessions are two hours in length. Telephone: 432-2497 or 432-3036.

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## SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

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*A special area in 252 Athabasca Hall has been set aside as an information centre on graduate scholarship competitions for study in Canada and abroad. Students may use this reference section during normal office hours.*

#### Canada Mexico Exchange Program

**Donor:** Employment and Immigration Canada. *Where tenable:* Mexico. *Level of study:* Applicant must hold a university degree or post-secondary diploma/certificate. *Field of study:* Agriculture, anthropology, archaeology, architecture, astronomy, biochemistry, biology, demography, journalism, museology, social medicine, tropical ecology, and tropical medicine. *Value:* The Canadian government will pay \$330 monthly to each Canadian participant and provide return airfare. The Mexican government will pay medical and emergency dental work, life and accident insurance, supplementary language training, academic courses, and travel. *Number:* Up to twenty. *Duration:* From four to twelve months. *Conditions:* Applicants must be Canadian citizens, age eighteen to thirty and in good health. They must have a working knowledge of Spanish. *Closing date:* 10 February. *Further information and application forms should be requested from:* Canada-Mexico Exchange Program, Canada Employment and Immigration Commission, Second Floor, 222 Nepean Street, Ottawa, Ontario K1A 0J5.

#### Royal Society of Canada

**Donor:** Sir Arthur Sims. *Where tenable:* Great Britain. *Level of study:* Post-graduate. *Field of study:* Any subject in the humanities, social sciences, or natural sciences. *Value:* £650. *Number:* One. *Duration:* Two years (with the possibility of one extra year). *Conditions:* Applicants must have completed one year of postgraduate study toward an advanced degree. *Closing date:* 15 February 1978. *Further information and application forms should be requested from:* The Chairman, Sir Arthur Sims Scholarship Committee, c/o The Executive Secretary, The Royal Society of Canada, 344 Wellington Street, Ottawa, Ontario K1A 0N4.

#### 1978 Summer Student Professional Program

**Donor:** Environmental and Social Affairs Department of Petro-Canada. *Where tenable:* Canada. *Level of study:* Graduate. *Field of study:* Environmental and socio-economic technical issues and public policy. *Value:* Participants will receive a competitive-level stipend for professional work. *Number:* Four. *Duration:* June to August 1978. *Conditions:* A year of graduate studies towards a graduate degree. *Closing date:* 15 February. *Further information and application forms should be requested from:* Dr. Joseph Perkowski, Summer Program Director, Environmental and Social Affairs, Petro-Canada, Box 2844, Calgary, Alberta T2P 2M7.

#### MacKenzie King Scholarships

**Donor:** Late Right Honorable William Lyon MacKenzie King. *Where tenable:* United States or United Kingdom (Travelling Scholarships). *Open* (Open Scholarships). *Level of Study:* Post-graduate. *Field of study:* International or industrial relations. *Value:* \$3,500. *Number:* Four or five. *Duration:* One year. *Conditions:* Graduate of a Canadian university (Travelling Scholarship). Nomination by Dean of Graduate Studies (Open Scholarship). *Closing date:* 15 February. *Further information and application should be requested from:* Awards Office, Room 50, General Services Administration Building, The University of British Columbia, Vancouver, British Columbia V6T 1W5.

#### Altrusa Foundation

A limited number of grants from the Altrusa International Foundation are available for female graduate students on Student Visas from Latin America, Asia, Middle East, and Africa who are experiencing financial difficulties. Eligible students must have completed at least one-half of a graduate program and must be intending to return to their country upon completion of their program. Further information and application forms are available at the International Student Office, 225 Athabasca Hall.

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## POSITIONS VACANT

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#### Laboratory Scientist/Mass Spectrometrists

The successful candidate should minimally possess a Master of Science degree and have experience in Mass Spectrometry (Hewlett Packard GC/MS Data System) and procedure development. *Apply to:* Dr. K. Walker, Director, Division of Medical Biochemistry, University of Alberta Hospital, c/o Department of Laboratory Medicine.

#### Junior Laboratory Technologist

To assist with the Drug Screening Program in the evaluation of athletes competing in the XI Commonwealth Games. The successful candidate shall preferably possess a BSc-R.T. (MLS) and will work in close liaison with the Mass Spectrometrists in the development of procedures and the investigation of drugs and their metabolites. *Apply to:* Dr. K. Walker, Director, Division of Medical Biochemistry, University of Alberta Hospital, c/o Department of Laboratory Medicine.

#### NON-ACADEMIC POSITIONS

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 13 January.*

Clerk Typist II (\$644-\$751)—Computing Services  
Accounts Clerk I (\$644-\$779)—Office of the Comptroller

Library Clerk II (\$644-\$779, trust)—Faculty of Extension, Legal Resource Centre  
Public Relations Clerk I (\$644-\$779)—Public Relations  
Clerk Steno II (\$644-\$779)—Medical Laboratory Science; Electrical Engineering; Faculty of Extension  
Switchboard Operator (\$696-\$843)—Administrative Services  
Clerk Steno III (\$721-\$877)—Faculty of Home Economics; Faculty of Business Administration and Commerce; Recreation Administration; Secretariat; Psychiatry; Mineral Engineering; Civil Engineering; Drama; Physics; Student Counselling Services; Faculty of Law  
Medical Steno (\$779-\$952)—Provincial Laboratory Secretary (\$811-\$994)—Computing Science; Botany; University Secretariat; Faculty of Nursing  
Public Relations Clerk III (\$843-\$1,034)—Public Relations  
Administrative Clerk (\$843-\$1,034)—Physics  
Library Assistant II (\$843-\$1,034, trust)—Faculty of Extension, Legal Resource Centre  
Departmental Secretary (\$914-\$1,125, term)—Educational Research Services  
Departmental Secretary (\$914-\$1,125)—Chemistry  
Histology Technician (\$439-\$539, half-time)—Anatomy  
Technician I (\$843-\$1,034, trust)—Mechanical Engineering  
Curriculum Technician I (\$843-\$1,034, trust)—Faculty of Extension, Legal Resource Centre  
Technician I (\$843-\$1,034, term)—Food Science  
Offset Equipment Operator (\$877-\$1,078)—Printing Services, Duplicating  
Electronics Technician I/II (\$877-\$1,224)—Electrical Engineering  
Chemical Technologist I (\$952-\$1,173)—Faculty of Home Economics  
Biology Technologist I (\$952-\$1,173)—Genetics  
Electron Microscope Technician II (\$952-\$1,173, trust, term)—Medicine, Neurology  
Chemical Technician II/III (\$952-\$1,335)—Soil Science  
Programmer Analyst I/II (\$952-\$1,393)—Computer Application, Health Sciences  
Administrative Assistant (\$1,078-\$1,335)—Faculty of Physical Education  
Typographical Tradesman III (\$1,125-\$1,393)—Printing Services  
Machinist Technician III (\$1,224-\$1,520)—Chemistry  
Programmer/Analyst II (\$1,125-\$1,393, trust)—Biochemistry  
Programmer/Analyst II (\$1,125-\$1,393)—Faculty of Business Administration and Commerce

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## PERSONAL NOTICES

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*All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance and are accepted at the discretion of the Editor. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.*

#### Accommodations available

Luxury two-bedroom condominium in Kihei, Maui; available from 1 April; \$35 per night for four. 478-6077; 475-7762  
For sale—\$34,900. University area. One-bedroom condominium apartment; excellent condition. February possession. Telephone Rita Butt, Potter Realty, 436-3050; 435-7629 residence.  
Paris, central—furnished apartment. 1 February for five months; also 1 September for ten months. Responsible individual or couple. References. Moderate rent. 433-1716.

For sale—Lendrum bungalow, brick fireplace, double garage; near schools, University. \$79,500. Telephone Liz Crockford 434-0555, residence; business, Spencer Real Estate 436-5250; 426-5880, page 894.

Person to share main-floor suite. \$135 monthly includes utilities. Telephone Sandy or Milan 432-2138 days.

For sale—Windsor Park; four bedrooms, beautifully landscaped, completely redecorated. Principals. For viewing and information telephone 469-4525 evenings, weekends.

For sale—south side; located in beautiful crescent: attractive three-bedroom bungalow with fireplace in living room and downstairs; double garage. Must be sold. R. Richter 488-6930; 455-4135. Weber Bros.

For rent—newly completed three-bedroom half duplex in choice west end location; four major appliances; full basement. 466-3917.

For sale or rent—Southgate area, three-bedroom townhouse, 1,280 square feet, 1½ baths, five appliances, full basement. 436-6032 or 432-5876.

For sale by owner—exceptional condominium in the Mill Village complex, Millwoods. This beautiful unit features 1,140 square feet, three bedrooms, 1½ baths, cedar exterior, double covered carport, patio doors, and carpet throughout. The desirability of this home is further enhanced by its excellent location—almost a free-standing unit, the property is situated adjacent to a large park area. Asking only \$52,500. Telephone 462-7710.

Wanted immediately—girl to share four-bedroom house. Express bus to University. 469-9217.

Price reduced—Mill Creek four-bedroom older two-storey home. Revenue possibilities. R. Richter 488-6930; 455-4135. Weber Bros.

For rent—basement bedroom in Garneau co-op. Very reasonable rent. Male preferred. Telephone 433-1074 or 433-8381.

For sale—outstanding custom designed six-bedroom home in Petrolia. With European charm in every detail, it radiates warmth and hospitality. Features two separate dining rooms, extensive cedar balcony, fireplace in family room, and extra large double garage. Excellent location near schools and amenities. For full particulars telephone Jeanne Eid, 434-5780 (residence); Distacom 426-5880 (number 837) or Spencer Real Estate 436-5250.

For rent—new three-bedroom split-level with kitchen appliances, fireplace, two-car garage, full basement. Near Devon; twenty minutes from University. Two-mile ski trail and skating rink. Immediate occupancy. 487-9676 evenings.

For sale—up-and-down duplex. \$69,900. Rosalette Mandryk, LePage Melton Real Estate 439-3995; residence, 483-5930.

Richford Estates—exclusive country residence one mile south of the city on 111 Street. Split-level home with one-acre grounds serviced with city water. Lower level: family room, den, laundry room, half bath and service entry; main level: kitchen and dinette with patio doors to wooden deck, dining room and living room; upper level: three bedrooms

(four-piece bathroom en suite) and second four-piece bath. Extra bedroom and recreation room in basement. Three-car attached garage. For viewing arrangements please telephone Frost, Perry & Associates 488-3990, 488-6563; Mr. K. Perry 487-4233; Mr. H. Frost 434-4467.

For rent—three-bedroom open-beam house; attached garage, landscaped and fenced. Mill Woods. \$495 monthly; year's lease available. Telephone 462-6799 after 6 p.m.

Renting—new luxury condominium. Blue Quill; two bedrooms, fridge, stove, dishwasher, washer, dryer, garburator, sauna, whirlpool. Immediate possession. \$450. Ten minutes from University. 432-6475 days, or 469-8482 evenings.

#### Accommodation wanted

Physician wishes to rent home for twelve-eighteen months from March 1978. Telephone Dr. Orford at 435-8075, or write Box 654 University Post Office.

Must buy before 1 July—three- or four-bedroom house; prefer two storeys, in Windsor Park or Garneau. Telephone 433-1525.

House wanted—Belgravia couple living in apartment will pay up to \$120,000 for two- or three-bedroom bungalow in Belgravia or Windsor Park.

Prefer one with fireplace and garage. Please telephone Dorothy Hamilton 439-7371 or 436-8509. Kellough Realty.

A faculty member wishes to purchase (in the spring of 1978) a traditional, four-bedroom, centre-hall-plan home, close to the University. Please write to J. Hardie, 142 Foster Avenue, London, Ontario, or telephone 519-433-2460.

#### Automobiles and accessories

1975 Dodge Royal Monaco stationwagon; air conditioning, power steering, power brakes, new radials, winterized; excellent condition. 487-6771.

1977 Aspen custom two-door; many options. \$4,900. Rick, 436-6765; 432-2104.

1968 IHC Travelall stationwagon, V8 automatic; power; radio. \$450. 478-4241.

#### Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Imagine owning some Medieval imagery. Selling elegantly framed brass rubbings from England. Shown by appointment. 434-9784.

Expert thesis typing. Linda, 436-7647.

Gerlinger's fireplace wood: birch, poplar or mixed. 426-5410.

Interested in having your area cleared of snow this winter? Telephone 439-3531; 462-2878.

Wanted—quality shotgun, double 12 gauge; also rifle (6 mm-270). 435-8467 evenings.

The Chest Maker—handcrafted cedar chests.

Telephone 439-5248.

Piano lessons and theory instruction. Reasonable rates. Close to Whyte Avenue. Have time for four more students beginning January. 439-2662.

Recorder lessons by experienced teacher. Adults and children. All levels. Telephone 434-4734.

Child care in my home; part, full time; four years and older. 439-4598.

Expert typing—theses, etc. Telephone 455-0641.

Dressmaking, alterations. Telephone Elizabeth 428-6162; Rosemary 488-7144.

Professional and experienced drafting of graphs for scientific papers, theses. 435-0495.

Piano accompanist available for vocal and instrumental work. R. Meilen, L.R.A.M. Telephone 436-2587.

Wanted—return ride, Sherwood Park, Mills Haven district to University; Monday-Friday, 8:30-4:30.

Will share expenses. Telephone 464-4382 or 432-3270.

Projector—Hanimex Manumatic 500, convenient tray storage for 1,000 slides. \$75 or offers. 451-2377 evenings.

Books—old and out-of-print, bought and sold. Norwood Books 11302 95 Street. 474-4446. Ken Jackson, proprietor.

Tape deck for sale—TEAC, reel, three-head, three-motor, Solenoid control. \$375. Martin, 432-2943 or 437-0521.

We buy old TVs, working or not. 478-4241.

Pool table with table-tennis top. \$175. 435-8164 evenings.

Cross-country ski in the varied terrain at the PB Guest Ranch. Comfortable accommodation in sixteen-room lodge, home cooking. Telephone 452-0710, or write Box 542, Hinton, Alberta T0E 1B0.

French teacher wanted for three children in Devon area. Own transportation. 987-2042.

Excellent typist. Telephone Sandy 434-5439.

Fur coat—silver tipped racoon Fun-fur with leather inserts, pockets. Size 10-12. \$900 new; asking \$250. 435-2909 after 5 p.m.

Painting interiors. Good references. 436-2988.

Twelve Hatha Yoga classes commence Mondays 23 January - 17 April, St. Boniface School, 11810 40 Avenue. Beginners: 8 - 9:30 p.m.; advanced: 6 - 7:30 p.m. Fee \$30. To register telephone Mrs. Merle Peterson 434-4105 days.

Spanish lessons; conversation, writing; your home or mine. 479-0415.

Custom shelving systems. Reasonable. 436-2988.

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